

Claims

1. A needle magazine for storing a plurality of needle assemblies and for selectively dispensing said needle assemblies there from, comprising:

a cylinder-shaped base member having a upper surface, a bottom surface and a cylindrical surface there between, which base member includes a number of compartments, each compartment containing one of said needle assemblies, and

a cover rotatably mounted on said base member for rotation relative to said base member, said cover having a slot through which access to one of said needle assemblies located in one of said compartments can be provided,

Characterized in that

each compartment has at least partly the form of a sector of a circle, each sector extending radially of the axis of rotation of said cover,

said cover has a first part which is substantial parallel with said upper surface and a second part which is substantial parallel with said cylindrical surface, which second part at least partly covers the cylindrical surface of said cylinder-shaped base member, and

that said slot in said cover is at least partly provided in said second part, such that access to said compartment can be gained radially of the axis of rotation of said rotary member

2. A needle magazine for storing a plurality of needle assemblies according to claim 1, characterized in that each compartment has means locking each needle assembly against rotation.

3. A needle magazine for storing a plurality of needle assemblies according to claim 2, characterized in that each needle assembly is force fitted into said compartment

4. A needle magazine for storing a plurality of needle assemblies according anyone of the claims 1 to 3, characterized in that each compartment has means preventing reuse of used needle assemblies

5. A needle magazine for storing a plurality of needle assemblies according to claim 4, characterized in that each compartment comprises a number of flexible arms located on the interior surface of said compartments, which arms has a build in resiliency moving said arms into a position perpendicular to said interior surface of each compartment.

6. A needle magazine for storing a plurality of needle assemblies according to claim 5, characterized in that said arms is bended forward and wedged between the outside diameter of the needle hub or the ring carried on said needle hub and said compartment when a used needle assembly is deployed in the compartment.

7. A needle magazine for storing a plurality of needle assemblies according anyone of the claims 1 to 6, characterized in that said needle magazine has means preventing said cover from rotating in one rotational direction relatively to said base member.

8. A needle magazine for storing a plurality of needle assemblies according to claim 7, characterized in that said needle magazine comprises a plurality of ratchet teeth on said base member that interact with one or more ratchet teeth on said cover

9. A needle magazine for storing a plurality of needle assemblies according to anyone of the preceding claims, characterized in that said cover and said base member has means preventing said cover from rotating more than 360 degrees relatively to said base member.

10. A needle magazine for storing a plurality of needle assemblies according to claim 9, characterized in that a first protrusion located on said cover and a second protrusion located on said base member abuts each other when said cover is rotated approximately 360 degrees relatively to said base member.